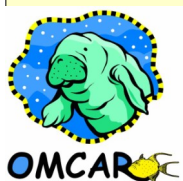


**SUCCESSFUL RESTORATION OF MANGROVE SEEDBANKS
IN SOUTHEAST COAST OF INDIA**

MANGREEN PROJECT



**Celebrating International Year of Biodiversity with
Success Story from the Field**



Description of the Story

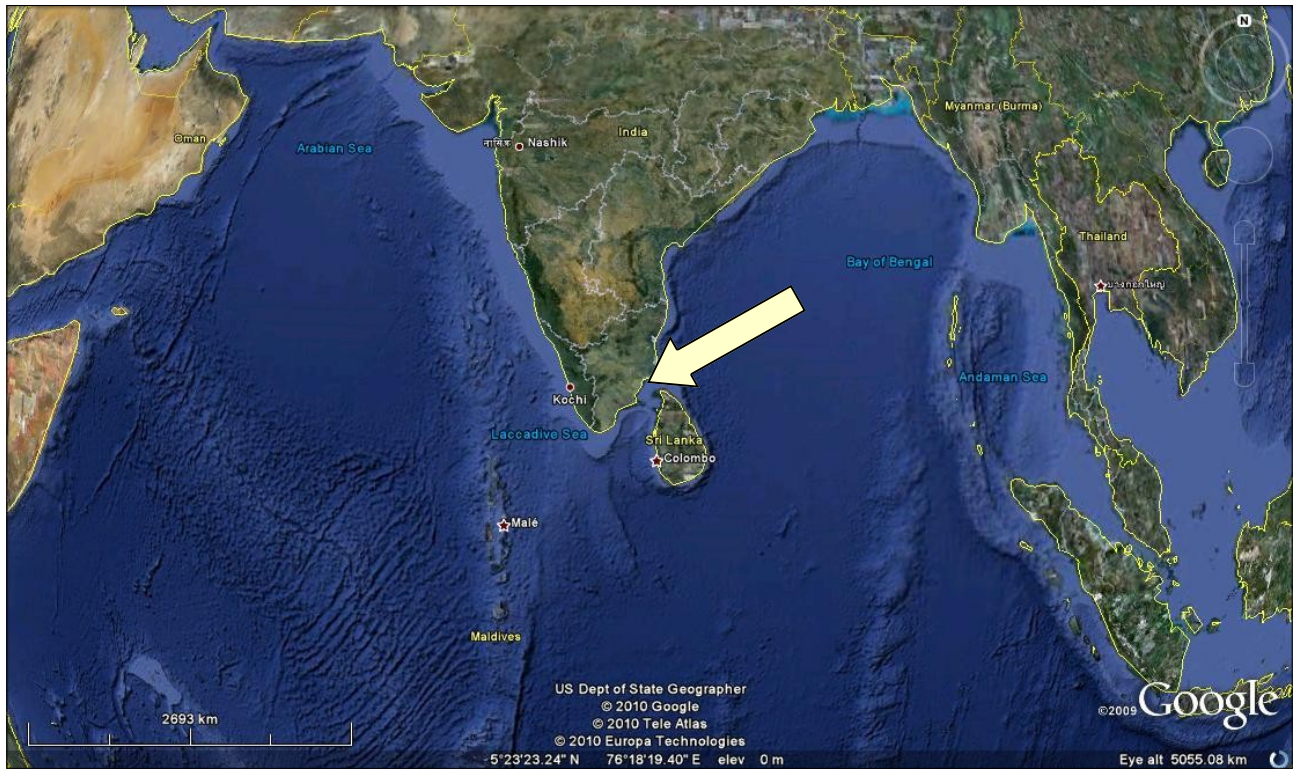
Palk Bay region in southeast coast of India is known for its mangroves, sea grass beds and fishery productivity. This bay separates India and Srilanka. Our project is aimed to establish community based mangrove protection sites. This mangrove sites are called as "seed banks" which is divided into several mangrove thickets. The sites are located on the mouth of rivers that enhances the natural seed dispersal through yearly monsoonal river flows into Palk Bay.

Capacity building in local village representatives was the first phase, which includes site selection, species identification, adjusting land elevations for natural hydrology in the degraded areas. The sites were selected and after obtaining permission from village management, the trained villagers has been involved in fencing, seed collection, nursery management. Several environmental awareness programmes like street plays, field trips, field research training programmes have been conducted to create awareness among youths in the coastal areas.

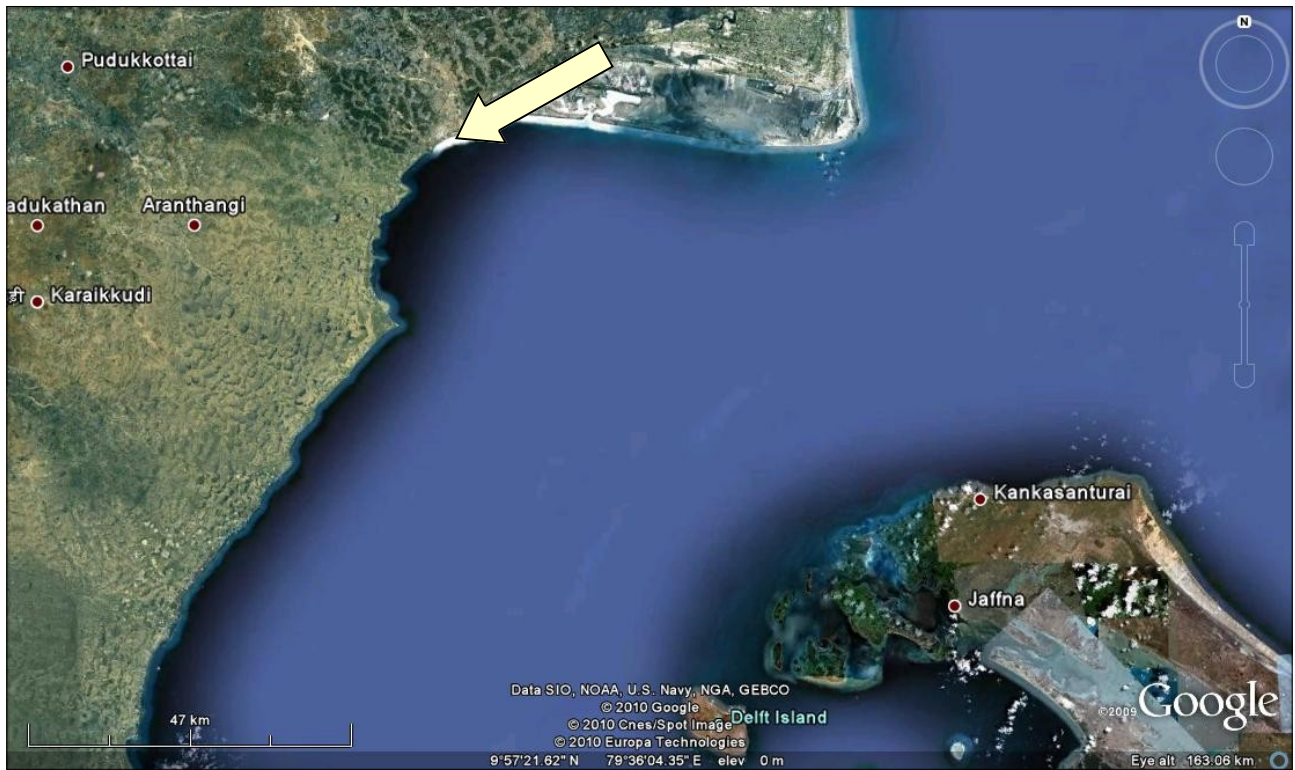
These successful, pilot mangrove restoration sites of Mangreen Project are now emerging as the platform for local NGOs and University Research students who learn and implement the similar activities in other coastal areas. The villagers team are continuously are visiting other coastal areas to provide consultancy on mangrove restoration techniques.

OBJECTIVES OF MANGREEN PROJECT

1. Establishment of Protected Mangrove Restoration sites through participatory community involvement.
2. Capacity Building of village representatives in Ecological Mangrove Restoration Methods
3. Fencing the degraded mangroves through local community groups and developing mangrove nursery
4. Conducting scientific research and documentation in mangrove restoration and associated faunal assemblages through universities.
5. Creating awareness among youth groups in coastal greenbelt and mangrove conservation by field trips, popular lectures and ecoclubs



MAP OF PROJECT AREA



The project area is located in northern Palk Bay of southeast coastal state of Tamil Nadu. A total area of 15 acres are fenced in three villages through local community groups.

Community Participation Activities in Mangreen Project Area Management



Villagers Fencing Mangroves

Villagers Planting Mangrove Seedlings



Transporting Seedlings from Nursery to Target Sites

Seedlings in OMCAR Nursery





Sequential Photographs of Mangrove Restoration Canal (N0: B7) in Mangreen Site showing gradual mangrove restoration in four years.

2006



2007



2008



2009

Mangrove Awareness Activities In Community



OMCAR Coastal Clean up
Programme

Educational Field Trip to Muthu-
pet Mangrove Forest



Mangrove Ecology Training Pro-
gramme for Youths

FOR MORE INFORMATION

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